

What Is Claimed Is:

1. A payment acting service method for acting for a purchaser in settlement of a purchase price in a shop, comprising the steps of:

5           issuing a notification of a purchase price from a POS terminal provided in the shop to a mobile station carried by the purchaser;

          signaling, in response to a settlement starting instruction of the purchaser who responds to the notification,  
10           a settlement starting request from said mobile station to authentication means through said POS terminal and a mobile communication network;

          performing an authentication process of the purchaser between said authentication means and said mobile station based  
15           on the settlement starting request;

          signaling a settlement request from said authentication means to payment acting means when the authentication indicates a correct result; and

          performing an accounting process of said mobile station  
20           by said payment acting means in response to the settlement request and issuing a notification of a result of the accounting process to said POS terminal and said mobile station.

2. A payment acting service method as claimed in claim 1, wherein said authentication means uses a user authentication  
25           function of an exchange provided for said mobile communication network.

3. A payment acting service method as claimed in claim 1, wherein said payment acting means uses a charge collection function for said mobile station provided for said mobile communication network.

5           4. A payment acting service method as claimed in claim 1, wherein communication between said POS terminal and said mobile station and mobile communication network is performed through a radio interface which can communicate by radio.

10           5. A payment acting service system for acting for a purchaser in settlement of a purchase price in a shop, comprising:

          a POS terminal provided in the shop for issuing a notification of the purchase price to a mobile station carried by the purchaser and signaling a settlement starting request from said mobile station to a mobile communication network in  
15           response to a settlement starting instruction of the purchaser who responds to the notification;

          authentication means for receiving the settlement starting request through said mobile communication network to perform an authentication process of the purchaser with said  
20           mobile station and producing a settlement request when the authentication indicates a correct result; and

          payment acting means for performing an accounting process of said mobile station in response to the settlement request and notifying said POS terminal and said mobile station of a  
25           result of the accounting process.

6. A payment acting service system as claimed in claim

5, wherein said authentication means is a user authentication function of an exchange provided for said mobile communication network.

5 7. A payment acting service system as claimed in claim 5, wherein said payment acting means is a charge collection function for said mobile station provided for said mobile communication network.

10 8. A payment acting service system as claimed in claim 5, wherein said POS terminal has a radio interface which can communicate with said mobile station and said mobile communication network by radio.